

estimate submitted in 1933
 based on 1932 figures. Property
 subject to 1932 valuation and
 1933 figures. 1933 figures.

about 100 to 150 acres, but subject to 1932 valuation and 1933 figures. 1933 figures.

about 100 to 150 acres, but subject to 1932 valuation and 1933 figures. 1933 figures.

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about 100 to 150 acres, but subject to 1932 valuation and 1933 figures. 1933 figures.

about 100 to 150 acres, but subject to 1932 valuation and 1933 figures. 1933 figures.

346828

STATE OF MONTANA,
 COUNTY OF CHUTEAU.
 Filed Dec 30 1933
 at 10:00 o'clock A.M.
George W. Harvey
 County Clerk
 By 2.00 Paid

GW 3

File No.

DUPLICATE

T. 27 N. R. 13 E

County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 7 1964

STATE ENGINEER

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1952

Owner Alfred S. Ophus

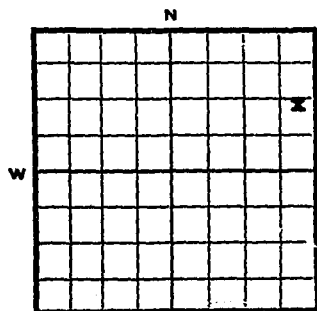
Address Big Sandy, Montana

Contractor (if any) Self

Address of Contractor

Date Started October 1952 Date Completed December 1952

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Installed pipeline from box where artesian water came to surface to nearby farm site. Gravity flow. 3300 feet of pipeline installed.



SE 1/4 NE Sec. 23 T. 27 R. 13

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use all available used. about 5 gallons a minute

Signature of Owner

Alfred S. Ophus

Date December 26, 1963

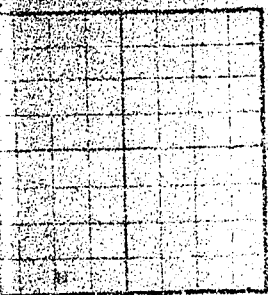
This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quaduplicate for the Appropriator.

26159



and office of the Department of
Justice, both of which are located

at the same address as the
Department of Justice, both of which are located

This form is to be used by the
Department of Justice, both of which are located

Please answer all questions. If not applicable, please
mark the space as "Not Applicable".

346829

STATE OF MONTANA
COUNTY OF CHOTEAU
DEC 30 1963
Filed
10.00
George W. Hurrell
County Clerk
Deputy
2.00 Date

GW 3

File No. _____

DUPLICATE

T. 27 N. R. 13 E

County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE JAN 7 1964

OFFICE OF STATE ENGINEER

STATE ENGINEER

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater ~~1960~~ 1961

Owner Alfred S. Ophus

Address Big Sandy, Montana

Contractor (if any) Self

Address of Contractor _____

Date Started October 1961 Date Completed Dec 1961

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. 2700 feet of pipeline installed to

connect with existing pipeline and bring water to

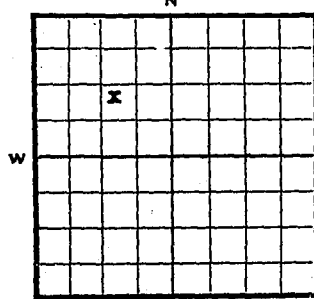
farmstead for use for livestock and yard and garden

irrigation. Gravity flow. This was an overflowing spring.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use All available

used in summer months. About 5 gallons a minute used

for livestock in winter months.



SR 1/4 NW Sec 24 T. 7. R. 13

Indicate point of appropriation and place of use, if possible.

Signature of Owner Alfred S. Ophus

Date December 26, 1961

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

26160

It has been found that the most effective way to increase the number of people who are interested in the study of the history of the United States is to provide them with a clear and concise summary of the facts and events that have shaped the nation's development. This summary should be presented in a way that is both informative and engaging, and should be tailored to the needs and interests of the audience. By providing a clear and concise summary of the facts and events that have shaped the nation's development, we can help to increase the number of people who are interested in the study of the history of the United States.

Examples of (b)(3)

with the same effect. After notice of this matter was to be given, and the County Commissioners were to be authorized to construct the same, the town to be indebted in connection with it, a reference to the laws

[illegible]

346830

STATE OF MONTANA.
COUNTY OF CHOUTEAU.

DEC 30 1963

Filed _____
 at 10:00 o'clock A.M.
 E. W. Harvey
 County Clerk

By _____ Debtor
For \$ 2.00 Paid

GW 3

File No.

DUPLICATE

T. 27 N. R. 13 E

County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 18 1963
STATE ENGINEER

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater December 13, 1963

Owner Frank Maxwell

Address Big Sandy, Montana

Contractor (if any) none

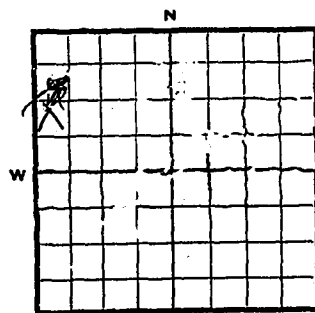
Address of Contractor none

Date Started 1960 Date Completed 1960

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Gravity Tank Type with steel

4 ft culvert -- about 6 feet of water--

dug out spring--



SW 1/4 NW 1/4 Sec. 28 T. 27 R. 13

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use 3 years--

Used for stock water only-- 300 gals per day.

Signature of Owner Frank Maxwell

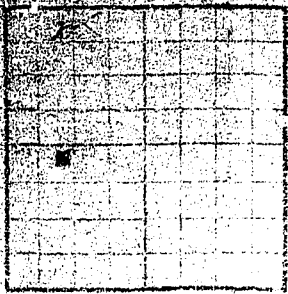
Date December 13, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.



and have of use it being
judicial being of substantial

1/11/63

Reference to the

1/11/63

the year to be the day of the year

which the year of the year

which the year of the year

which the year of the year

346388

STATE OF MONTANA
COUNTY OF CHOUTEAU

DEC 16 1963

2:45 o'clock P.

George W. Hawley
County Clerk

by James M. James Deputy

2.00 Paid

File No.

DUPLICATE

T. 27 R. 13

County Chouteau

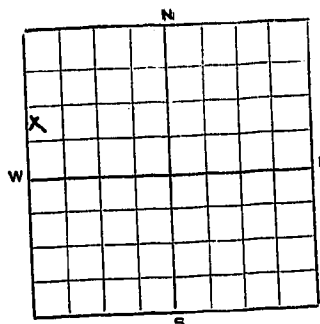
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

RECEIVED
JAN 7 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Osterman Brothers, of Big Sandy
(Name of Appropriator) (Address) (Town)

County of Chouteau State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NWSW1/4 Sec. 32 T. 27 R. 13

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based stock watering - home use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1963
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gals. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof no
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal none
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1963 - pump
8. The depth of water table 12 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled 6 inch. w. 29 feet depth pump
10. The estimated amount of groundwater withdrawn each year 50,000
11. The log of formations encountered in the drilling of each well if available clay
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record... none

Signature of Owner

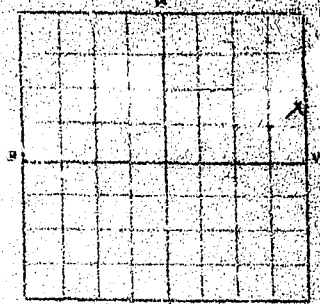
Osterman Bros.
By Henry Osterman
Date Dec. 26-1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

26066



File No.

DUPLICATE

T. 27 N. R. 13 E

County Chautau

RECEIVED
NOV 29 1963

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

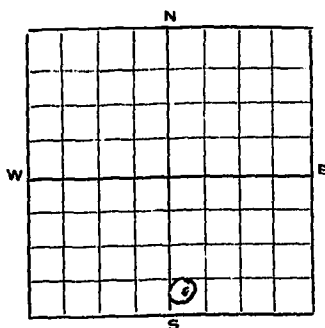
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. T. M. Quinn, of Big Sandy
(Name of Appropriator) (Address) (Town)

County of Chautau State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 SE 1/4 Sec. 35 T27 R13 E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based livestock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1950 - used as needed during summer months.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gals. per min.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1950

8. The depth of water table 60 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6 inch casing 120 feet deep.

10. The estimated amount of groundwater withdrawn each year varies

11. The log of formations encountered in the drilling of each well if available Not available.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. None.

Signature of Owner T. M. Quinn

Date Nov 27, 1963

These copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

7675

(Town)

(Address)

(Name of Applicant)

State of Montana, County of Chouteau, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1902, as follows:

1. The location and on which claim is based.

2. Date of approximate date of earliest beneficial use, and how continuous the use has been.

3. The amount of groundwater claimed (in cubic feet or gallons per minute).

4. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.

6. The date of commencement and completion of the construction of the well, wells or other works for withdrawal of groundwater.

7. The depth of water table.

8. So far as it may be available, the type, size and depth of each well or other general specifications of any other works for the withdrawal of groundwater.

9. The estimated amount of groundwater withdrawn and used.

10. The top of formation encountered in the drilling of each well is available.

11. Such other information as may be needed in carrying out the policy of this act, including references to books and papers now or hereafter recorded.

STATE OF MONTANA,
COUNTY OF CHOUTEAU.

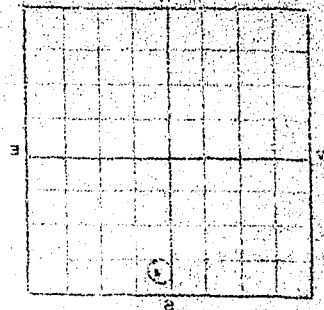
Filed November 27 1963

at 2:15 o'clock PM

By Frank W. Harvey
County Clerk

By Victor M. Jewell

200 Paid



SW 1/4 Sec 35 T21 R14 E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

G. 4

File No.

DUPLICATE

T. 27 N R. 13 E 35

County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

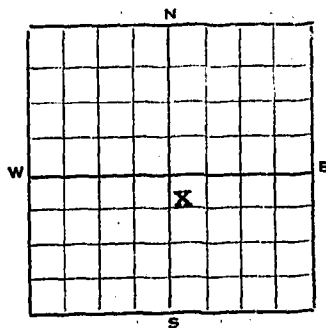
RECEIVED
JUN 14 1963

STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Kade B. King of Big Sandy
(Name of Appropriator) (Address) (Town)

County of Chouteau State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec 35 T. 27 R. 13

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based
Household and Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1915

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal. per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
none

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1915

8. The depth of water table 20 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 180 feet deep - 1 1/2" pipe

10. The estimated amount of groundwater withdrawn each year 900,000 gals.

11. The log of formations encountered in the drilling of each well if available
none

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner Kade B. King

Date June 17 1963

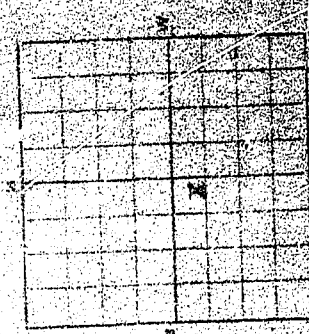
Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

4626

STATE OF MICHIGAN
COUNTY OF CHEBOYGAN



These abstracted boundaries according to the State of Michigan in effect from January 1, 1905, or before:

1. Name of Township: (Name of Township)

(Address)

(Town)

DECLARATION OF ABSTED GROUNDS

OFFICE OF STATE ENGINEERS
ADMINISTRATOR OF CHANDLER
STATE OF MICHIGAN

STATE OF MICHIGAN
COUNTY OF CHEBOYGAN

Filed
1:45
2:00
JAMES M. HARRIS
County Clerk
Deputy

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DUPLICATE
File No.

Page 1 of 1

County Chouteau Twp. 27N Rge. 14E

[illegible]

GW 3

File No.....

T. 27N R. 11E

DUPLICATE

County... Choteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec. 30, 1963

Owner... II Ranch

Address... Big Sandy, Mont.

Contractor (if any) none

Address of Contractor

Date Started Sept. 1961 Date Completed Sept. 1961

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to

water when applicable... dug out spring and put in 36"

galvanized culvert 4 ft. deep with 1 1/2" pipe leading

out to a 720 gallon tank.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

one to two gallons per minute. Tested by measuring

with bucket.

Signature of Owner... II Ranch, by,

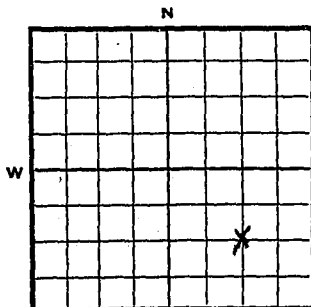
Date Dec. 30, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

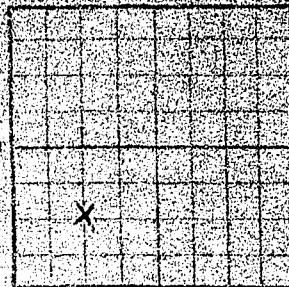
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.



SE 1/4 SE Sec. 3 T. 27 R. 14

Indicate point of appropriation and place of use, if possible.

26471



Indicate spots of apprehension
and place of use if possible.

This form to be completed by contractor (if any) otherwise by the owner.
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in
which the work is located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
347168
Original to be filed in Recorder's office in the State Engineer's Office to the
COUNTY OF CHOUTEAU, MONTANA.

Filed DEC 31 1963 10
at 4:30 o'clock PM
George W. Harvey
County Clerk
BY 2 Paid

GW 3

File No.

T. 27N R. 14E

DUPLICATE

County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 7 1964

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec. 30, 1963

Owner IX Ranch

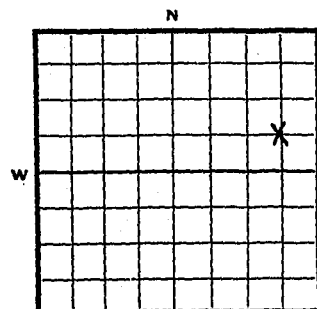
Address Big Sandy, Mont.

Contractor (if any) none

Address of Contractor

Date Started Unknown Date Completed Unknown

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring dug out and 55 gal. barrel set in ground with 1" pipe leading to tank.



SE 1/4 NE Sec. 3 T27. R14

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

one gallon per minute. Estimated compared to other developed springs. Runs stream size of a large lead pencil.

Signature of Owner IX Ranch by, Arthur Roth

Date Dec. 30, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

26466

Filed DEC 31 1963 19 63
at 4:30 o'clock P M
George W. [Signature]
County Clerk
By [Signature] Deputy
for \$ 2.00 Paid

GW 3

File No.

DUPLICATE

T. 27N R. 14E

County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 7 1964

STATE ENGINEER

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

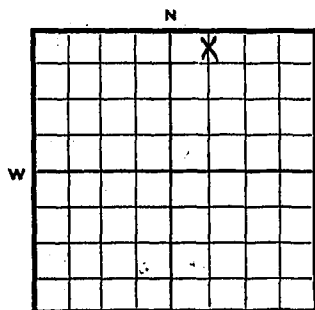
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec. 30, 1963Owner IX RanchAddress Big Sandy, Mont.Contractor (if any) none

Address of Contractor

Date Started Sept. 1959 Date Completed Sept. 1959

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Fenced and dug out spring and put in a 1 1/2" pipe to two 720 gallon tanks.



NW 1/4 NE Sec. 9 T. 27 R. 14

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use Two to four gallons per minute. Measured with a milk bucket.

Signature of Owner IX Ranch by, Arthur H. RothDate Dec. 30, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

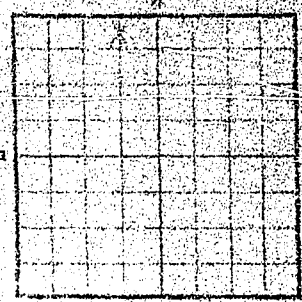
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

26467

Date of application or construction _____
 Owner _____
 Address _____
 Location (if any) _____
 Address of Contractor _____
 Date Started _____ Date Completed _____
 Location names of obtaining permit without a well, as by
 application and other process. Include depth to



Quantity of water developed and used with explanation of method
 used to measure or estimate such amount. If use is intermittent
 estimate approximate length of periods of use.

Indicate point of application
 and place of use if possible.

Signature of Owner _____
 State _____

This form to be prepared by contractor (if any) otherwise by the owner.
 Three copies of this form are to be filed with the County Clerk and Recorder of the county in
 which the works are located.
 Please answer all questions. If not applicable, so state otherwise the form will be returned.
 Original to be filed with County Clerk and Recorder; duplicate to the State Engineer; triplicate to the
 County of Chouteau, State of Montana.

Filed DEC 31 1903
 at 4:30 o'clock PM
George W. Harty
 County Clerk
 by _____ Deputy
200 Paid

RECEIVED

OCT 29 1957

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG

T. 27N R. 14E

County Chouteau

Owner United Cattle Co. Address Big Sandy, Montana

Driller E. L. Flood Address Great Falls, Montana

Date Started Oct. 1, 1956 Date Completed Oct. 4, 1956

Godfrey Ranch
Location: Sec. 9 T. 27N R. 14E 1/4 sec. Southeast

Type of well drilled (Dug, driven, bored, or drilled) Equipment used churn drill (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: surface ft. to 56' ft. Type O.D. Size 7"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. to ft. Ft. to ft.

Type of screen or perforations:

Static Water level, for non-flowing well: 50 to 60' feet.

Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level 50' feet at 16 gal. per min.

How tested: bailer & electric pump

Length of test: one hour for pump

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

gas water flowing inside and outside casing

(over)

[illegible][illegible]

File No.

T. 27 R. 14

DUPLICATE

MONTANA WATER RESOURCES BOARD

County CHAUTEAU

LOG RECEIVED

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

DEC 30 1968

(Elev. above sea level

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

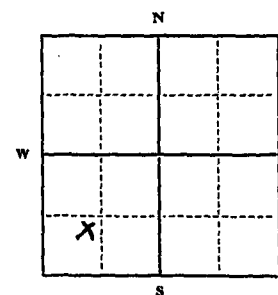
Owner I-X RANCH Address BIG SANDY, MONT.Driller Hi-Line Drilling Service Address HAVER, MONTANA

Date of Notice of appropriation of groundwater

Date well started JULY 8, 1968 Date completed JULY 11, 1968Type of well DRILLED Equipment used CABLE TOOL RIG
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
12"		0	20	NO PERFORATIONS. WATER FLOWING THRU BOTTOM OF DRIVE SHAPE AT 63 FT LEVEL		
6 7/8"		20	63			
6 7/8" O.D. 18" PER FT		3 FT BELOW GROUND LEVEL	63			

Static Water Level for non-flowing well
NOT APPLICABLE feet.Shut-in Pressure for Flowing Well 3 "Pumping Water Level 4 feet
at 10 gal. per minute.Discharge in gal. per min. of flowing well
5How Tested PUMP & MEASURING DEVICE
Length of Test 4 HOURSRemarks: (Gravel packing, cementing, packers, type of shutoff) HAIR PENNED TO 12" DIAMETER TO 20 FT LEVEL. 6 7/8" DIAMETER HOLE DILLED TO 63 FT. CASING INSTALLED ANDSW 1/4 Sec. 10 T. 27 R. 14
Indicate location of well and place of use, if possible. Each small square represents 40 acres.WELL DEVELOPED. CEMENT GROUT PLACED AROUND CASING FROM 20 FT BACK TO 8 FT LEVEL TO SEAL. (Continue on reverse side) OFF ARTESIAN FLOW AROUND OUTSIDE OF CASING
USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).FLOWING AT RATE OF
5 GPM

SULFUR WATER

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Driller's License Number

Driller's Signature

44,882

There is no right to be considered and no requirement that one be a "black" man. In the absence of such a requirement, there is no basis for the Government's argument that it is not required to accept the "black" man. The Government's argument is that it is not required to accept the "black" man. The Government's argument is that it is not required to accept the "black" man.

PERSONAL INFORMATION			CONTACT INFORMATION		EMPLOYMENT INFORMATION	
NAME	DATE OF BIRTH	SSN	PHONE	EMAIL	EMPLOYER	POSITION
JOHN DOE	12/15/1980	123-45-6789	555-123-4567	john.doe@email.com	ABC COMPANY	Software Engineer
JANE SMITH	08/22/1985	987-65-4321	555-987-6543	jane.smith@email.com	XYZ CORPORATION	Marketing Manager
BOB JONES	03/10/1978	567-89-0123	555-567-8901	bob.jones@email.com	DEF LLC	Operations Director
ALICE BROWN	11/05/1990	345-67-8901	555-345-6789	alice.brown@email.com	GHI PARTNERS	Product Designer
CHARLIE GREEN	07/18/1982	234-56-7890	555-234-5678	charlie.green@email.com	JKL ENTERPRISES	Business Development

1. The first step is to identify the problem. This involves understanding the symptoms and the context in which the problem is occurring.

2. Next, you should gather information. This can be done through research, interviews, or observation. The goal is to collect as much data as possible to help you understand the problem better.

3. Once you have gathered information, you should analyze it. This involves looking for patterns, trends, and potential causes. You may also want to consider the impact of the problem on the system or organization.

4. After analysis, you should develop a plan. This plan should outline the steps you will take to address the problem, including any resources you will need and the timeline for completion.

5. Finally, you should implement the plan. This involves putting the plan into action and monitoring the progress. You should also be prepared to make adjustments if necessary.

1944-1945

[The page contains faint, illegible markings or bleed-through from the reverse side.]

#359258
STATE OF MONTANA, T.
COUNTY OF CROFTLAND.
TODAY December 30 1968
at 8:00
George W. Hawley
Vivian Jewell
Deputy

GW 3

MONTANA WATER RESOURCES BOARD

RECEIVED

File No.

DEC 16 1970

T. 27N R. 77E 11E

DUPLICATE

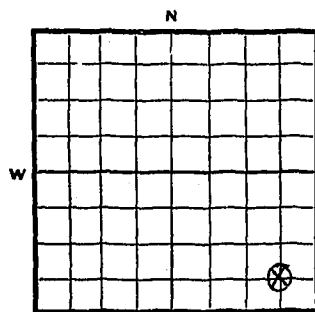
County Choteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Doc. No. 363328
Filed for record
this 15 day of December
A. D. 19 70, at 11:00
o'clock A. M.



SE 1/4 Sec. 11, T27N R11E

Indicate point of appropriation and place of use, if possible.

Date of Appropriation of Groundwater June 30, 1970

Owner I. X. Ranch Co.

Address Big Sandy, Mont. 59520

Contractor (if any) Thomas Maxwell

Address of Contractor Big Sandy, Mont.

Date Started May, 1970 Date Completed June, 1970

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. by construction of an earth-fill dam comprised of 3776 cubic yards of dirt.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use used during spring, summer & fall months for stockwater. Estimate this reservoir will cover about five to six surface acres when full.

Signature of Owner I. X. Ranch Co. by Arthur H. Roth

Date December 11, 1970

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quaduplicate for the Appropriator.

47907

363328

STATE OF MONTANA,
COUNTY OF CHOUTEAU,

Filed December 15, 1920

At 1:00 o'clock A. M.

Clifford W. Hawley
County Clerk

Deputy

Fee \$ Paid

which the above are located
upon lands of the United States
and to be retained by the United States
for the purpose of the same.

Witness my hand and seal of office
this 15th day of December, 1920.

and to be retained by the United States
for the purpose of the same.

and to be retained by the United States
for the purpose of the same.

and to be retained by the United States
for the purpose of the same.

and to be retained by the United States
for the purpose of the same.

RECEIVED

DEC 16 1970

T. 27N

R. 14E

File No.

DUPLICATE

County Choteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

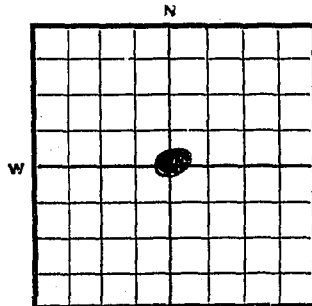
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Doc. No. 363327
Filed for record
this 15 day of December
A. D. 19 70, at 11:00
o'clock A.M.

Date of Appropriation of Groundwater June 30, 1970Owner I. X. Ranch Co. (located on leased State of Mont. land)Address Big Sandy, Mont. 59520Contractor (if any) Thomas MaxwellAddress of Contractor Big Sandy, Mont.Date Started May, 1970 Date Completed June, 1970

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. construction of a stockwater dam consisting of 8380 cu. yards of earth fill.



exact center Sec. 15 T. 27N R. 14E

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use stockwater used during spring, summer and fall months.
When full will cover about ten (10) surface acres.

Signature of Owner

Date Dec. 11, 1970

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quaduplicate for the Appropriator.

47908

RECEIVED

DEC 16 1970

T. 27N

R. 14E

File No.

DUPLICATE

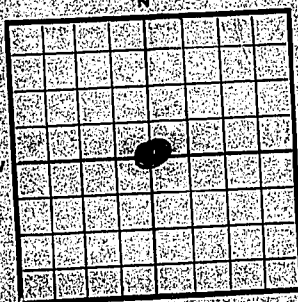
County Choteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Doc. No. 363327
Filed for record
this 15 day of December
A. D. 19 70, at 11:00
o'clock A.M.



exact corner Sec. 15 T. 27N R. 14E
Indicate point of appropriation
and place of use, if possible.

Date of Appropriation of Groundwater: August 30, 1970
Owner: T. I. Ranch Co. (located on leased State of Mont. land)
Address: Big Sandy, Mont. 59520
Contractor (if any): Thomas Maxwell
Address of Contractor: Big Sandy, Mont.
Date Started: May, 1970 Date Completed: June, 1970

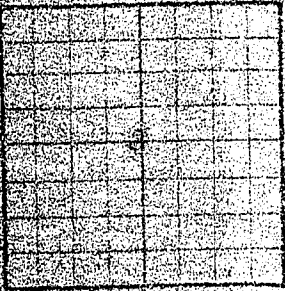
Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable... construction of a stockwater dam
consisting of 8380 cu. yards of earth fill.

Quantity of water developed and used with explanation of meth-
od used to measure or estimate such amount. If use is in inter-
mittent estimate approximate lengths of periods of use. Stockwater
used during spring, summer and fall months.
When full will cover about ten (10) surface acres.

Signature of Owner: T. I. Ranch Co. by Arthur B. Poth
Date: Dec. 11, 1970

This form to be prepared by contractor (if any), otherwise by the owner.
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in
which the works are located.
Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the
School of Mines and Quadruplicate for the Appropriator.

47908



THIS IS TO CERTIFY THAT THE ABOVE DESCRIBED LAND IS THE PROPERTY OF THE STATE OF MONTANA, AND IS BEING OFFERED FOR SALE AT PUBLIC AUCTION.

Quantity of land described as being the property of the State of Montana, and is being offered for sale at public auction.

Subscribed by Clerk

This is to certify that the above described land is the property of the State of Montana, and is being offered for sale at public auction.

STATE OF MONTANA,
COUNTY OF CHOUTEAU.
Filed December 15 1920
at 10:00 o'clock P. M.
By Deputy W. Newey Deputy
County Clerk
Paid \$ 00

363327

GW 8

File No.

DUPLICATE

T. 27N R 14E

County Choteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE JAN 7 1964
OFFICE OF STATE ENGINEER

STATE ENGINEER

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec. 30, 1963

Owner IX Ranch (lessee of state owned land)

Address Big Sandy, Mont.

Contractor (if any) none

Address of Contractor

Date Started Sept. 1960 Date Completed Sept. 1960

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Dug out well and installed a

55 gallon drum in spring with 1" pipe leading to a 720 gallon tank.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use about one gallon per minute. Stream about half the size of a lead pencil in diameter.

Signature of Owner IX Ranch by

Date Dec. 30, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and Quadruplicate for the Appropriator.

26457

GW 3

MONTANA WATER RESOURCES BOARD

RECEIVED

File No. _____

FEB 16 1970

T. 27N R. 14E

DUPLICATE

County Choteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

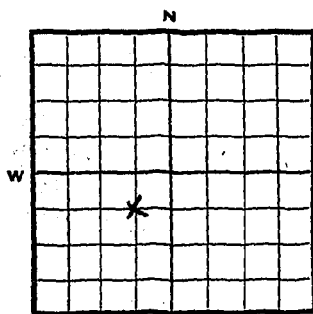
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Doc. No. 241715
Filed for record
this 13 day of February
A. D. 19 70, at 8:00
o'clock AM.

Date of Appropriation of Groundwater September 1968Owner I X Ranch Co. *Address Big Sandy, Montana 59520Contractor (if any) Thomas MaxwellAddress of Contractor Big Sandy, MontanaDate Started Sept. 1968 Date Completed Sept. 1968

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Stockwater reservoir. Earth fill
of 5370 cubic yards



NE 1/4 SW Sec. 19 T. 27 R. 14 E

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

Stockwater use in the summer and fall months
through October

Signature of Owner I X Ranch Co. by Arthur H. Poth
Date February 6, 1970

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

*This reservoir is on State Land leased by I X Ranch Co.

46173

GW 3

File No.

DUPLICATE

T. 27 N R. 11 E

County Choteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 7 1964

STATE ENGINEER
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec. 30, 1963

Owner IX Ranch (lease of state land)

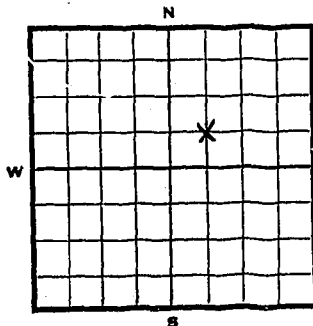
Address Big Sandy, Mont.

Contractor (if any) None

Address of Contractor

Date Started Oct. 1960 Date Completed Oct. 1960

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. dug out spring and installed a
36" galvanized culvert 7' deep with a 1 1/2" pipe
leading to a 1200 gallon tank. Spring fenced off.



SW 1/4 NE Sec. 20 T. 27 R. 11

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use two to three gallons per minute. Measured by use of
a milk bucket and timed with watch.

Signature of Owner IX Ranch by *Arthur H. Pugh*

Date Dec. 30, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

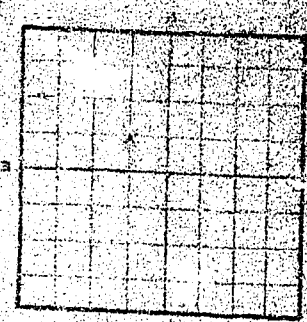
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

26468

Name of Applicant (Print Name)
 County
 Address
 Telephone (if any)
 Address of Contractor
 Date Started (Month, Day, Year)
 Date Completed (Month, Day, Year)
 Indicate means of obtaining groundwater without a well, as by
 submergence and other natural processes. Indicate depth to
 water when applicable.
 Indicate the location of the well, if any, by a sketch or
 description.
 Quantity of water developed and used with explanation of method
 of use in connection with estimate each amount. If use is intermittent
 give estimate approximate length of periods of use.
 Indicate the purpose of the well.
 Name of Contractor (Print Name)
 Address of Contractor



Indicate point of application
 and place of use, if possible.

This form is to be completed by the owner of the well, and is to be
 filed in the office of the State Engineer, Department of Natural Resources,
 Helena, Montana. It is to be used for the purpose of determining the
 location and use of the well, and for the purpose of determining the
 quantity of water developed and used.

The owner of the well is to be notified by the State Engineer of the
 location and use of the well, and of the quantity of water developed
 and used.

347165
 STATE OF MONTANA
 COUNTY OF CHOUTEAU
 Filed DEC 31 1963
 at 4:30 o'clock
 George W. Torrey
 County Clerk
 iv
 200 Paid

GW 3

File No.

DUPLICATE

T. 27N R. 14E

County...Choteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 7 1964

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec. 30, 1963

Owner IX Ranch (. leases of state owned land)

Address Big Sandy, Mont.

Contractor (if any) none

Address of Contractor

Date Started October 1960. Date Completed Oct. 1960

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Dig out spring and installed a

four ft. deep culvert with a 14" pipe leading to

a 500 gallon tank. Spring fenced off.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

two to three gallons per minute. Measured with

a milk bucket and timed.

Signature of Owner IX Ranch by Arthur H. Kelly

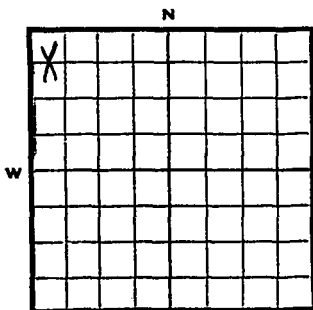
Date Dec. 30, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.



NE 1/4 NW Sec 21 T. 27. R. 14

Indicate point of appropriation and place of use, if possible.

26469

A 10x10 grid of squares, likely for a crossword puzzle. The grid is composed of 10 columns and 10 rows of squares. The squares are arranged in a regular pattern, with some squares being white and others being black, indicating a crossword puzzle layout. The grid is bounded by a thick black border.

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 11-14-2001 BY 60322 UCBAW

THE UNIVERSITY OF CHICAGO

[illegible]

100-443887-100

...this form to be received by contractor (if any) otherwise by the owner.

Three copies of this index are to be filed with the County Clerk and Recorder of the county in which the works are located.

[illegible]

STATE OF MONTANA
COUNTY OF CHOUTAUIQUE

Filed DEC 31 1963 19
at 4:30 o'clock P
Sherrill W. Hester
County Clerk
by _____
no. 240 100-100000

GW 3

File No.

DUPLICATE

T. 27N R. 14E

County Choteau

RECEIVED

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE JAN 7 1964

OFFICE OF STATE ENGINEER

STATE ENGINEER

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec. 30, 1963

Owner IX Ranch

Address Big Sandy, Mont.

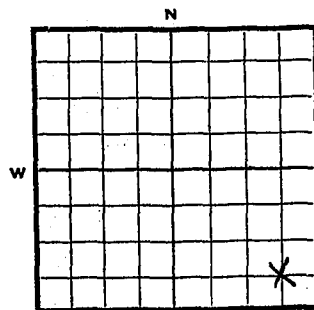
Contractor (if any) none

Address of Contractor

Date Started Oct. 1958 Date Completed Oct. 1958

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Dug out spring, put 1 1/2" pipe

from spring to tank.



SE 1/4 SE. Sec. 22. T. 27. R. 14

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use one to two gallons per minute. Measured with milk bucket and timed.

Signature of Owner IX Ranch by

Date Dec. 30, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.



GW.3

File No.

DUPLICATE

T. 27N R. 14E

County Choteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 7 1964

STATE ENGINEER
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec. 30, 1963

Owner IX Ranch (leasee of state owned land)

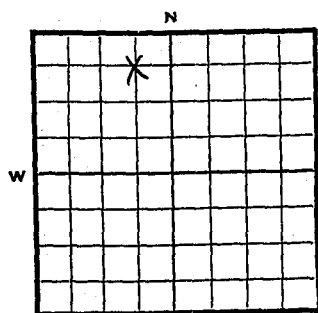
Address Big Sandy, Mont.

Contractor (if any) none

Address of Contractor

Date Started Sept. 1959 Date Completed Sept. 1959

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Dug out spring and installed a 42" culvert, galvanized, 14 ft. deep with a 14" pipe leading from spring to two 720 gallon tanks 120 ft. away. Spring fenced off and top of culvert covered.



NE 1/4 Sec. 25 T27 R14

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use Three to four gallons per minute. Estimated by local Soil Conservation Service engineers.

Signature of Owner IX Ranch by, Arthur H. Roth

Date Dec. 30, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

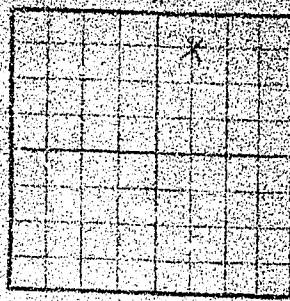
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

26458

This form to be prepared by contractor (if any) otherwise by the owner.
 Three copies of this notice are to be filed with the County Clerk and Recorder of the county in
 which the works are located.
 # 347155
 These are the State of Montana and the County of Chouteau.
 I hereby certify that the above is a true and correct copy of the original as the same appears in the
 records of the County of Chouteau.
 at _____ o'clock _____

 County Clerk

 Deputy
 Paid \$ 2.00



Indicate by a cross (X) the place of appropriation
 and place of use if possible.

This form to be prepared by contractor (if any) otherwise by the owner.
 Three copies of this notice are to be filed with the County Clerk and Recorder of the county in
 which the works are located.
 # 347155
 These are the State of Montana and the County of Chouteau.
 I hereby certify that the above is a true and correct copy of the original as the same appears in the
 records of the County of Chouteau.
 at _____ o'clock _____

 County Clerk

 Deputy
 Paid \$ 2.00

GW 3

File No.....

DUPLICATE

T. 27N R. 11E

County: Shoshone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE

JAN 7 1964

OFFICE OF STATE ENGINEER

STATE ENGINEER

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec. 30, 1963

Owner IX Ranch (leases of state owned land)

Address Big Sandy, Mont.

Contractor (if any) none, Bob Drew dug hole

Address of Contractor Bob Drew, Big Sandy, Mont.

Date Started June 1963 Date Completed July 1963

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Dug out spring with back hoe, put

in 42" culvert 14 ft. tall and filled in with gravel
around culvert.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

Two to six gallons per minute depending on season
of the year. Used bucket and timed to measure flow.

Signature of Owner IX Ranch by

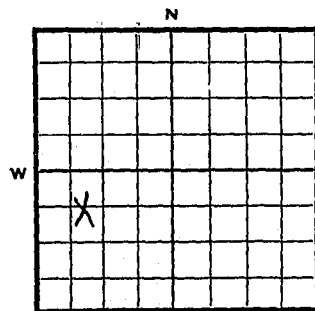
Date Dec. 30, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.



NE 1/4 Sec. 26 T. 27. R. 14

Indicate point of appropriation and place of use, if possible.

Name of Applicant in Connection with Work: _____
 Address: _____
 City: _____
 State: _____
 Zip: _____
 Name of Contractor: _____
 Address of Contractor: _____
 City: _____
 State: _____
 Zip: _____
 Description of work to be done: _____
 Location of work: _____
 Date of work: _____
 Name of Owner: _____
 Address of Owner: _____
 City: _____
 State: _____
 Zip: _____



Quantity of water developed and used with explanation of method used to measure or estimate such amount: _____
 Name of Applicant: _____
 Address: _____
 City: _____
 State: _____
 Zip: _____
 Name of Contractor: _____
 Address: _____
 City: _____
 State: _____
 Zip: _____
 Name of Owner: _____
 Address: _____
 City: _____
 State: _____
 Zip: _____

This form to be prepared by contractor (if any), otherwise by the owner.
 Three copies of this notice are to be filed with the County Clerk and Recorder in the county in which the works are located.

If not applicable so state otherwise the form will be returned.
 STATE OF MONTANA
 COUNTY OF CHOUTEAU
 Filed DEC 31 1962

at 4:30 o'clock
 J. W. H. H. H.
 County Clerk
 Deputy
 200 Paid

GROUNDWATER INDEX

Page 1 of 1

County Chouteau

Twp. 27N

Rge. 15 E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
F	IX Ranch	GW3	347157	
P14	IX Ranch	GW3	347158	
22	IX Ranch	GW3	346159	
23	Lynn H. Dumas	GW3	371462	
23	Lynn H. Dumas	GW3	371463	
23	Lynn H. Dumas	GW3	371464	
24	Lynn H. Dumas	GW3	371465	
24	Lynn H. Dumas	GW3	371	
24	Lynn H. Dumas	GW3	No	
24	Lynn H. Dumas	GW3	371468	
24	Lynn H. Dumas	GW3	371469	
24	Lynn H. Dumas	GW3	371470	
24	Lynn H. Dumas	GW3	371471	
26	IX Ranch Co.	GW3	347160	
31	United Land & Cattle Co.	1961	No #	
35	IX Ranch Co	GW3	347161	
7	Arthur Weavers	GW3	371580	
23	Edith M. Braun	GW3	371662	
23	Edith M. Braun	GW3	371663	
14	Edith M. Braun	GW3	371664	
23	Edith M. Braun	GW3	371665	

GW 3

File No.

DUPLICATE

T. 27N R. 15E

County Choteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 7 1964

STATE ENGINEER
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec. 30, 1963

Owner IX Ranch

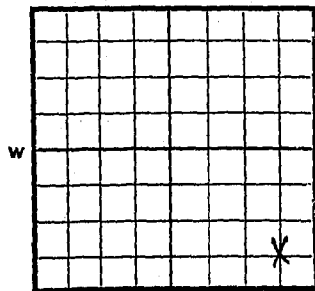
Address Big Sandy, Mont.

Contractor (if any) none

Address of Contractor

Date Started Aug. 1960 Date Completed Aug. 1960

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Dug out ~~well~~ spring, installed a treated wooden collection box three ft. by three ft. with a 1 1/2" pipe leading to two 720 gallon tanks. Spring fenced off.



SE 1/4, SE Sec. 5, T. 27, R. 15

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use one to three gallons per minute. Measured with a milk bucket and timed with watch.

Signature of Owner IX Ranch by *Arthur K. Ketch*

Date Dec. 30, 1963

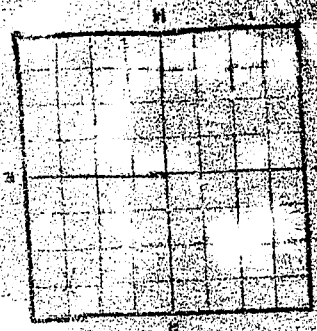
This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

26460

[illegible][illegible]

and place of use if possible.

for the Application
considered: application to the State Engineer; application to the
authorities, so that otherwise the farm will be returned
in accordance with the terms of the contract in
accordance with the contract.

Three copies of this notice are to be placed in the files in which the records are located.

STATE OF MONTANA, City of Helena
COUNTY OF CHOUTEAU
DEC 2 1907

at _____ o'clock
George W. Halsey
County Clerk
by _____ Deputy
for \$ 2.00 Paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

(Under Chapter 237, Montana Session Laws, 1961, as amended)

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

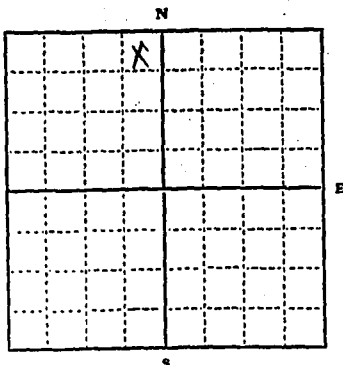
Please answer all questions. If not applicable, so state, otherwise the form must be returned.

- For Administrator's Use

File 371580

6-29-73

GW 1 4.00 p.m.



NE 1/4 NW 1/4 Sec. 7

T. 27 N R. 15 E
S W

INDICATE POINT OF APPROPRIATION
AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or esti-

mated

Owner Arthur Weaver

Address Big Sandy, Montana 59520

Contractor (if any) none

Address of Contractor

Date Started May 1973

Date Completed May 1973

1. Describe means of obtaining groundwater (as by sub-irrigation,
developed spring, drains, etc.) dugout spring
with pipe and tank

2. Means of withdrawing water (gravity, pump, canal, etc.)
gravity

3. Depth of water table

4. Use of the water livestock

5. Amount of groundwater claimed (in miner's inches or gallons
per minute) 2 gals per minute

6. If used for irrigation, give number of acres and description
of land none

7. Estimate amount of water used each year

8. Months of year spring flows year around

Signature of Owner

Arthur Weaver
Date June 28 1973

56248

371580

STATE OF MONTANA
COUNTY OF DEER

Filed JUN 29 1973

4.00

William J. Henry

Notary Public

RECEIVED

14

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

AUG 2 1973

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962

(Under Chapter 237, Montana Session Laws, 1961, as amended)

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

File

GW 1

Owner Edith M. Brown

Address Rt. 1 Box 11, Big Sandy, Mont.

Contractor (if any) self

Address of Contractor as above

Date Started June 1970 Date Completed June 1970

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)

natural flow of spring water

2. Means of withdrawing water (gravity, pump, canal, etc.)

free flowing spring

3. Depth of water table surface

4. Use of the water stock watered, diverted

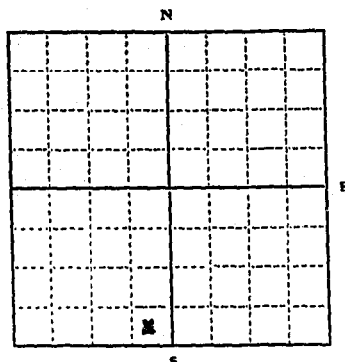
5. Amount of groundwater claimed (in miner's inches or gallons per minute) fifteen (15) gal. per min. measured by pipe running into measured container, constant use of full flow of spring

6. If used for irrigation, give number of acres and description of land

7. Estimate amount of water used each year

constant

8. Months of year spring flows all months



SE 1/4 SW 1/4 Sec. 14

T. 27 N R. 15 E
S W

INDICATE POINT OF APPROPRIATION
AND PLACE OF USE, IF POSSIBLE.

Elevation of spring, if known or estimated 4000 feet

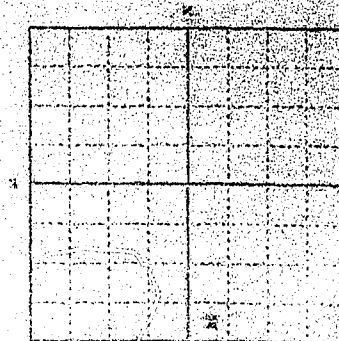
Signature of Owner Edith M. Brown

Date June 29, 1973

These answers of questions, if not applicable, to state, otherwise the form may be returned.

For Administration Use

Owner Edith M. Smith
Address Box 1, Box 11, Box 12, Box 13, Box 14, Box 15, Box 16, Box 17, Box 18, Box 19, Box 20, Box 21, Box 22, Box 23, Box 24, Box 25, Box 26, Box 27, Box 28, Box 29, Box 30, Box 31, Box 32, Box 33, Box 34, Box 35, Box 36, Box 37, Box 38, Box 39, Box 40, Box 41, Box 42, Box 43, Box 44, Box 45, Box 46, Box 47, Box 48, Box 49, Box 50, Box 51, Box 52, Box 53, Box 54, Box 55, Box 56, Box 57, Box 58, Box 59, Box 60, Box 61, Box 62, Box 63, Box 64, Box 65, Box 66, Box 67, Box 68, Box 69, Box 70, Box 71, Box 72, Box 73, Box 74, Box 75, Box 76, Box 77, Box 78, Box 79, Box 80, Box 81, Box 82, Box 83, Box 84, Box 85, Box 86, Box 87, Box 88, Box 89, Box 90, Box 91, Box 92, Box 93, Box 94, Box 95, Box 96, Box 97, Box 98, Box 99, Box 100
Contractor (if any)
Address of Contractor
Date started June 1938
1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)
2. Means of withdrawing water (gravity, pump, canal, etc.)
3. Depth of water table
4. Use of the water (for domestic, irrigation, etc.)
5. Amount of groundwater claimed (in miner's inches or gallons per minute)
6. If used for irrigation, give number of acres and description of land



Indicate point of appropriation and place of use, if possible. Elevation of spring, if known,

H371664
STATE OF MONTANA
COUNTY OF CHOCOMA
Estimated amount of water
Filed JUL 2 1938
at 9:30
By George W. Smith
Deputy
Fee \$ 2.00 Paid
Signature of Owner
Date

GW 3

File No.

DUPLICATE

T. 27N R. 15E

County Choteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 7 1964

STATE ENGINEER

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec. 30, 1963

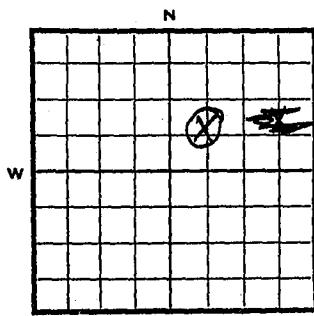
Owner IX Ranch

Address Big Sandy, Mont.

Contractor (if any) none

Address of Contractor

Date Started Aug. 1960 Date Completed Aug. 1960



SW 1/4 NE. Sec. 14. T. 27. R. 15.

Indicate point of appropriation and place of use, if possible.

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Dug out spring and installed a treated wooden collection box three ft. by three ft. and four ft. deep, with a 1 1/2" pipe leading to a 720 gallon tank. Spring fenced off.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use one to three gallons per minute. Measured with a milk bucket and timed.

Signature of Owner IX Ranch by, Arthur H. Bick

Date Dec. 30, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

26461

347158
STATE OF MONTANA,
COUNTY OF CHOUTEAU, ss.
I, the Clerk of said County,
do hereby certify that the foregoing is a true and correct copy of the original as same appears from the records of said County.
WITNESS my hand and seal of office at Helena, Montana, this 1st day of December, A.D. 1963.

at _____ o'clock P.M.
[Signature]
County Clerk

by _____

GW 3

File No.

T. 27N R. 15E

DUPLICATE

County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 7 1964

STATE ENGINEER
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec. 30, 1963

Owner IX Ranch

Address Big Sandy, Mont.

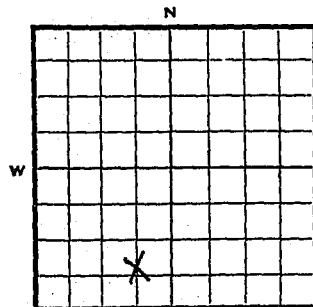
Contractor (if any) none

Address of Contractor

Date Started Aug. 1959 Date Completed Aug. 1959

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Dug out ~~very~~ spring and installed a

three ft. galvanized culvert eight ft. deep with a 1 1/2" pipe leading to a 720 gallon tank.



SE 1/4 SW Sec. 22 T. 27 R. 15

Indicate point of appropriation and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

two to four ~~hundred~~ gallons of water per minute.

Measured with bucket and watch.

Signature of Owner IX Ranch by, Arthur H. Roth

Date Dec. 30, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

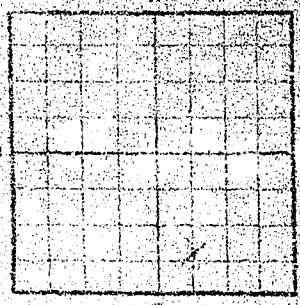
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

26462

Date of Appropriation of Groundwater _____
Owner _____
Address _____
Contractor (if any) _____
Address of Contractor _____
Date Borehole _____

Describe means of obtaining groundwater, whether by _____
sub-surface and other natural processes, include depth to _____
water when applicable _____



Indicate point of appropriation _____
and place of use, if possible _____

Signature of Owner _____

This form to be prepared by contractor (if any), otherwise by the owner _____

STATE OF MONTANA
COUNTY OF _____
Subscribed and sworn to before me this _____ day of _____ 19____
at _____
by _____
Notary Public

at _____
by _____
Paid _____

RECEIVED
County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

(Under Chapter 237, Montana Session Laws, 1961, as amended)

This form to be prepared by contractor (if any), otherwise by the owner.

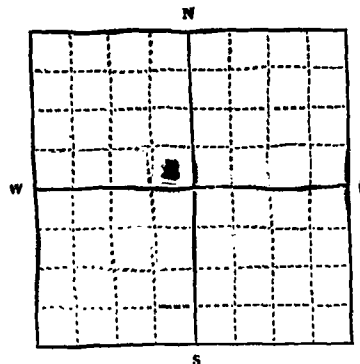
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

File _____

GW 1 _____



Sec. 23

T. 27 N. R. 15 E. S. W.

INDICATE POINT OF APPROPRIATION
AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or estimated

4000 feet

Owner Edith M. Brown

Address Box 11, Big Sandy, Mont.

Contractor (if any) self

Address of Contractor as above

Date Started June 1967 Date Completed June 1967

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)

water from a spring

2. Means of withdrawing water (gravity, pump, canal, etc.)

free flowing spring

3. Depth of water table

4. Use of the water stock water

5. Amount of groundwater claimed (in miner's inches or gallons per minute) two (2) gal. per min. measured by pipe running into measured container, constant use of full flow of spring.

6. If used for irrigation, give number of acres and description of land

7. Estimate amount of water used each year

constant

8. Months of year spring flows all months

Signature of Owner Edith M. Brown

Date June 29, 1973

...for all questions. It is not to be used for any other purpose.

...of the ...

Owner: ...

Address: ...

Contractor (if any): ...

Address of Contractor: ...

Date Started: ... Date Completed: ...

1. Describe means of obtaining groundwater (e.g., by sub-surface ...)

Developed spring, drain, etc.

Estimated cost of ...

2. Means of withdrawing water (e.g., pump, hand, etc.)

... ..

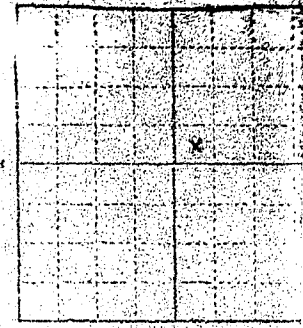
3. Depth of water table

4. Use of the water

5. Amount of groundwater claimed (in cubic inches or gallons)

... ..

6.



... ..

... ..

#371662

... ..

... ..

... ..

... ..

By: ...

Fee \$ 20

... ..

... ..

RECEIVED

AUG 2 1973

GW 3 Revised 1969
2037-1500-1/71

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

(Under Chapter 237, Montana Session Laws, 1961, as amended)

This form to be prepared by contractor (if any), otherwise by the owner.

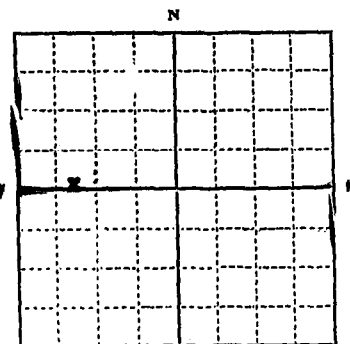
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

File

GW 1



NW 1/4 NE 1/4 Sec. 23

T. 27 N R. 15 E
S W

INDICATE POINT OF APPROPRIATION
AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or esti-

mated 4000 feet

Owner Edith M. Braun

Address Rt. 1 Box 11, Big Sandy, Mont.

Contractor (if any) self

Address of Contractor as above

Date Started Oct. 1960 Date Completed Oct. 1960

1. Describe means of obtaining groundwater (as by sub-irrigation,
developed spring, drains, etc.)

natural flow of spring water

2. Means of withdrawing water (gravity, pump, canal, etc.)

free flowing spring

3. Depth of water table

4. Use of the water stock water

5. Amount of groundwater claimed (in miner's inches or gallons
per minute) four (4) gal. per min. measured by pipe
running into measured container, constant use of
full flow of spring.

6. If used for irrigation, give number of acres and description
of land

7. Estimate amount of water used each year

constant flow

8. Months of year spring flows all months

Signature of Owner Edith M. Braun

Date June 29, 1973

...not available, so that otherwise the record may be retained

Contractor (if any) _____
Address of Contractor _____
Date Stated _____
1. Describe process of obtaining groundwater (as by submergence,
developed pump, drier, etc.) _____

2. Means of withdrawing water (gravity, pump, etc.) _____

371663
STATE OF MONTANA, 1973
COUNTY OF GARDNER
Filed JUL 2 1973
at 9:30
By _____
Fee \$ 2.00 Paid

For recording use

MONTANA
JUL 2 1973

County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

(Under Chapter 237, Montana Session Laws, 1961, as amended)

AUG 2 1973

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

File

GW 1

Owner Edith M. Braun

Address Rt. 1 Box 11, Big Sandy, Mont.

Contractor (if any) Self

Address of Contractor as above

Date Started Oct. 1972 Date Completed Oct. 1972

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)

natural flow of spring water

2. Means of withdrawing water (gravity, pump, canal, etc.)

free flowing spring

3. Depth of water table

4. Use of the water stock water

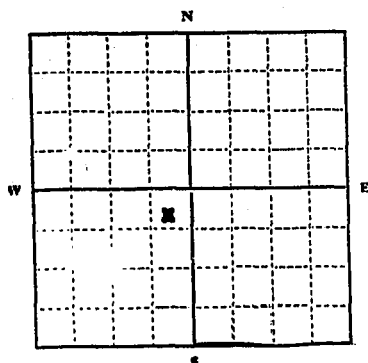
5. Amount of groundwater claimed (in miner's inches or gallons per minute) four (4) gal. per min. measured by pipe running into measured container, constant use of full flow of spring.

6. If used for irrigation, give number of acres and description of land

7. Estimate amount of water used each year

constant

8. Months of year spring flows all months



SW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 29

T. 27 N R. 15 E
S W

INDICATE POINT OF APPROPRIATION
AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or esti-

mated 4000 feet

Signature of Owner Edith M. Braun

Date June 29, 1973

